



Mandalorian TRUSS

The SmartLift Mandalorian is designed primarily to transport moving heads or other lighting components when on tour or for quick and easy show setup. The fixed cross bracing on the top makes it simple to load lighting fixtures onto the truss.

A folding dolly that can be raised or lowered is included with the truss for simple transportation of both the payload and the truss itself. During the performance or while being stored, the dolly can be folded and stacked. When not in use, the truss component can also be stacked on top of one another.

Technical specifications

Mandalorian Truss section

Height	397 mm	15,62 in
Width	480 mm	18,89 in
Size Main Tube	50 x 3 mm	1,96 x 0.11 in
Size Diagonal Bracing	25 x 2 mm	0,96 x 0.07 in

Weight 2,5 mtr	25kg	(truss only)
Weight 1,5 mtr	15kg	(truss only)
Weight 1 mtr	10 kg	(truss only)

Pin Position	Horizontal or vertical
Coupling System	Male/female forkends
Alloy	6061-T6

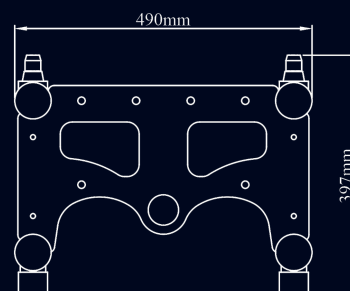
Mandalorian Dolly

Height	343 mm (max. height)
Width	490 mm

Mandalorian Complete

Height	1411 mm (max. height)
Width	490 mm

Diagram



THE ESSENTIALS

- Both Truss and dolly are stackable
- Saves transport, time and space
- Folding dolly with height-adjustable legs

Mandalorian Loading charts

Permissible loadings without limit by deflection according DIN 13814 Fairground

Span		<i>Distributed Load</i>		<i>Deflection</i>		<i>Single load in every single crossing point</i>		<i>Deflection</i>	
m	ft	kg/m	lbs/ft	mm	inch	kg	lbs	mm	inch
2	6,6	1600	1075	2,8	0.11	330	727	2,8	0.11
4	13,1	600	403	10,6	0.42	290	639	10,1	0.40
6	19,7	320	215	24,6	0.97	160	352	25,4	1.00
8	26,2	160	107	38,3	1.51	75	165	36,2	1.43
10	32,8	95	63	56,4	2.22	50	110	59,3	2.33

If single loads are placed in immediate vicinity to the connectors the declared values must be reduced about 10% to consider internal moments in the framework.

The dead weight of the truss is already included.